



Water / Wastewater Utility Fund Expenditures

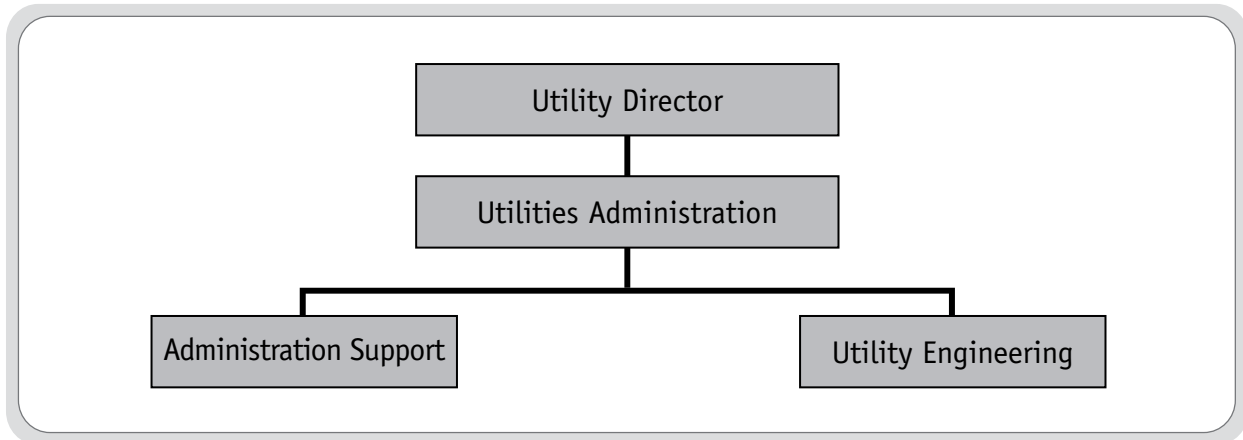
Utilities Administration
Water Treatment Plant
Water Systems Support
Water Line Maintenance
Wastewater Treatment Plant
Wastewater Systems Support
Wastewater Line Maintenance
Environmental Services
Utility Billings & Collections
Utility Debt Service & Transfers

Water / Wastewater
Utility Fund Expenditures

Utilities Administration Department

Utilities Administration oversees the City's raw water supply, Utility Engineering, Utility GIS and Mapping, Capital Improvements Program, Water Treatment Plant, Environmental Services (Industrial Waste Pretreatment, Recycling Services, and Analytical Laboratory), Water Line Maintenance, Water Systems Support, Wastewater Line Maintenance, Wastewater Systems Support, and Wastewater Treatment Plant.

Mission: To ensure adequate future water supply for the City; ensure installation of water and wastewater infrastructure meet existing and future growth needs; economical operation of the utilities system; and ensure compliance with state and federal regulations.



Departmental Program Summary:

The Utilities Administration Department consists of the Administration Support and Utility Engineering programs, and is responsible for providing support and oversight to seven other divisions.

Programs:

Administration Support: Utility Administration oversees and supports Utility Engineering and seven departments that include: Water Line Maintenance, Water Systems Support, Wastewater Line Maintenance, Wastewater Systems Support, Environmental Services, Water Treatment Plant and Wastewater Treatment Plant.

Utility Engineering: Utility Engineering is responsible for the management, inspection and coordination of all Utility Capital Improvement Projects (C.I.P.), including negotiating professional services contracts, providing general engineering support for Public Works and other departments in the City, and managing and coordinating the Utility GIS, Mapping and Utility Systems Computer Modeling Programs.

FY 2008-09 Highlights:

During FY 2008-09, we continued to implement several programs to ensure our future water supply, its treatment, distribution and fire protection capability, as well as wastewater collection and treatment for the City.

Water

- Completed and implemented a new conservation rates block structure. The structure is applied during the summer months to promote conservation and protect our natural resources.
- Increased education, outreach, and awareness regarding the importance of water conservation in order to preserve the City's future raw water supply. The goal is to reduce the per capita day consumption of the City's water customers.
- Completed a citywide Water Master Plan and implemented new impact fees.
- Began construction of the Brushy Creek Regional Utility Authority's (BCRUA) Water Supply System's Phase 1A projects, which include the first phase of the Water Treatment Plant and Raw Water Line. This will supply water from Lake Travis to Cedar Park and Leander by the summer of 2012 and to Round Rock by the summer of 2014.
- Completed the construction of the 2005 Raw Water Delivery System Improvements project. This project allows the City the ability to deliver 52 million gallons per day (mgd) of water from Lake Georgetown and Lake Stillhouse to our 48mgd Water Treatment Plant (WTP).
- Obtained a re-rating of our 48mgd WTP to a 52mgd WTP.

Utilities Administration

FY 2008-09 Highlights: (cont.)

- Completed construction of the RM-1431 2 million gallon (mg) Elevated Water Storage Tank and the new High Service Pump at the WTP.
- Completed construction of the 36-inch RM-1431 waterline and Cedar Park Interconnect.
- Continued to evaluate and design the water reuse system from the Brushy Creek Regional Wastewater Plant to the Old Settlers Park, Dell Diamond, and to the northeast up to the Avery Center.

Wastewater

- Completed a city-wide Wastewater Master Plan and implemented new impact fees.
- Completed a Forest Creek Wastewater Collection System and Lift Station Inflow and Infiltration Study.
- Completed the Forest Creek Interceptor versus Lift Station Upgrades Economic Analysis.
- Completed the initial city-wide Wastewater Collection System Inspection and Rehabilitation program as required by the TCEQ, and began the next round of inspections and rehabilitations.
- The Brushy Creek Regional Wastewater Treatment Plant expansion to 10mgd was completed with LCRA.
- Along with the other regional wastewater customers, continued negotiations with the LCRA in buying the Brushy Creek Regional Wastewater System.

Other

- Completed pilot program to evaluate a more comprehensive curbside recycling program for our citizens.

FY 2009-10

Overview and Significant Changes:

In FY 2009-10 we are:

Water

- Increasing our efforts to implement a more conscientious water conservation program. Establish an awareness of the importance of water conservation, increasing the amount of resources available to our citizens.

- Implementing and utilizing our newly completed GIS/GPS Utilities Mapping System.
- Beginning construction of the BCRUA's Water Supply System, Phase 1A projects which include the Treated Water Line, Segments 1 and 2C.
- Continuing construction of the BCRUA's Phase 1A projects that were started in FY 2008-09. These projects include the Regional Water Treatment Plant and Raw Water Line.
- Completing a major rehabilitation of our WTP, including Phase III, Phase IV, Sludge Disposal Facility, High Service Pump Facility, etc.
- Completing the construction of a new 1.5mg Clearwell at the WTP.
- Conducting a property evaluation for a future unified Utility/Public Works Facility which requires purchasing the site (approximately 20 acres), along with the site for a future two million gallon Northeast Elevated Water Storage Tank (minimum 1 acre).
- Establishing a comprehensive set of City of Round Rock Standard Construction Details for Water System Improvements and update the Utilities Design and Construction Standards (DACS).
- Beginning the construction of a new City of Round Rock Reuse Water System, including treatment, high service pumps and a distribution line to irrigate Old Settlers Park.
- Continuing to implement and maintain the Geographic Information System (GIS) and Global Positioning System (GPS) as a service to the public. The system benefits the developers with a more precise location of utilities, the Fire Department with fire hydrant position and flow data during emergencies, and assist field crews in maintenance of hydrants, valves and manhole locations.
- Working with the Brazos River Authority (BRA) and other customers in the Williamson County Raw Water Line to design and construct additional pumps at Lake Stillhouse Hollow in order to increase the pumping capacity from Lake Stillhouse Hollow to Lake Georgetown.

Wastewater

- Establishing a comprehensive set of City of Round Rock Standard Construction Details for Wastewater System Improvements and update the Utilities Design and Construction Standards (DACS).

FY 2009-10**Overview and Significant Changes (cont.):**

- Continuing to implement and maintain the GIS and GPS as a service to the public. The system benefits the developers with a more precise location of utilities and assists field crews in maintenance of manhole locations.
- Along with the other regional wastewater customers, completed the process of divesting the Brushy Creek Regional Wastewater System.
- Continued to inspect and rehabilitate the City's Wastewater Collection System that is located over the Edwards Aquifer, as required by the TCEQ.

Other

- Enhance our curbside recycling program to increase citizen participation and help protect our environment. Research a variety of options for curbside recycling and initiate a program to better meet the needs of our citizens and encourage recycling.

Wastewater

- Proceed with the next phase of city-wide Wastewater Collection System Inspection and Rehabilitation, as required by the TCEQ.
- Potential rehabilitation and/or upgrade to several Forest Creek area Lift Stations and/or the construction of a Forest Creek Wastewater Interceptor in order to remove several of the existing Forest Creek Lift Stations.
- Rehabilitate Wastewater collection lines including the Lake Creek Interceptor and Brushy Creek Interceptor.

Other

- Continue to expand our environmental and recycling programs for the citizens of Round Rock.

New Programs for FY 2009-10:

Utilities Administration is proposing no new programs for FY 2009-10.

FY 2010-11 Overview and Beyond:

In FY 2010-11, we expect to:

Water

- Continue with the construction of the BCRUA's Regional Water Supply System Phase 1A in order to provide future long-term water supply demands and prepare for future growth.
- Continue to progress with our water conservation efforts and offer potential rebates to water customers that are reducing their per capita day consumption.
- Continue to maintain the GIS and GPS as a service to the public.
- Continue to construct Capital Improvement Projects that are identified in the City's Water Master Plan.
- Continue to utilize and expand the City's Reuse Water System.

Water/Wastewater Utility Fund Expenditures

Utilities Administration

Departmental Goals:

- Ensure efficient utility services by providing a highly reliable and efficient water distribution system and wastewater collection system that meets all Environmental Protection Agency (EPA), Texas Commission on Environmental Quality (TCEQ) and the Safe Drinking Water Act regulations. (City Goal 5.4)
- Ensure all utility Capital Improvement Projects are adequately and efficiently coordinated, managed and inspected. (City Goals 2.1 and 5.4)
- Maintain 100% compliance with state and federal regulations. (City Goal 5.4)
- Ensure efficient utility services and adequate system expansions with future land use and City's financial capacity in mind. (City Goals 2.1 and 5.4)
- Ensure an adequate future water supply. (City Goal 5.4)

Objective: Ensure that water availability is sufficient to cover water use.	Actual 06-07	Actual 07-08	Forecast 08-09	Forecast 09-10
Raw water under contract in acre feet	45,782	45,782	45,782	45,782
Actual raw water use in acre feet	19,200	20,500	21,000	21,935

Trend: We are forecasting a 3-7% increase in raw water use between FYs.

- Develop and maintain a comprehensive, integrated in-house water distribution and wastewater collection system mapping program, including GPS of fire hydrants, valves and manholes. (City Goals 2.5 and 5.4)

Objective: Utilize our "Utility Systems Analyst" to help develop, implement and maintain an in-house wastewater collection system model to analyze and manage system operations and upgrades.	Actual 06-07	Actual 07-08	Forecast 08-09	Forecast 09-10
% of wastewater system modeled (10" lines and larger)	99%	99%	99%	99%

Objective: Integrate wastewater collection system computer model into our GIS and SCADA systems.	Actual 06-07	Actual 07-08	Forecast 08-09	Forecast 09-10
Miles of wastewater line added to collection system	24	27	27	19
Miles of wastewater line connected directly to regional wastewater line	20	20	20	20

Trend: Currently there are 411 miles of wastewater line (including 26 miles of regional wastewater lines) and 8,297 manholes in the system.

- Maintain a comprehensive, integrated in-house water distribution system-modeling program, including system inventory, mapping and management system to ensure efficient and adequate system expansions. (City Goals 2.5 and 5.4)

Objective: Develop, implement and maintain a valve location program for input into our in-house water distribution system model computer model for GIS Mapping and SCADA systems.	Actual 06-07	Actual 07-08	Forecast 08-09	Forecast 09-10
% of water system modeled	99%	99%	99%	99%
Miles of water line added to distribution system	35	38	38	41

Trend: Currently there are 568 miles of water lines in the City's system.

Summary of Key Measurement Indicators:

Measurement Indicators	Actual 2007-08	Estimated 2008-09	Projected 2009-10
Demand			
Number of Water Connections	30,960	30,617	31,317
City of Round Rock Population	93,700	97,500	100,800
Round Rock Utility Service Population	117,185	121,864	125,000
Number of Wholesale Customers	9	10	10
Raw Water Under Contract (Acre Feet)	45,782	45,782	45,782
Input			
Operating Expenditures	\$1,098,742	\$1,101,399	\$982,288
Number Authorized FTEs	10.00	8.00	8.00
Output			
Dollars CIP Completed	\$28,500,000	\$24,000,000	\$30,805,000
Efficiency			
Expenditures as a % of Utility Fund	2.87%	3.09%	2.61%
Authorized Personnel as % of Utility Funded FTEs	7.75%	6.06%	6.06%

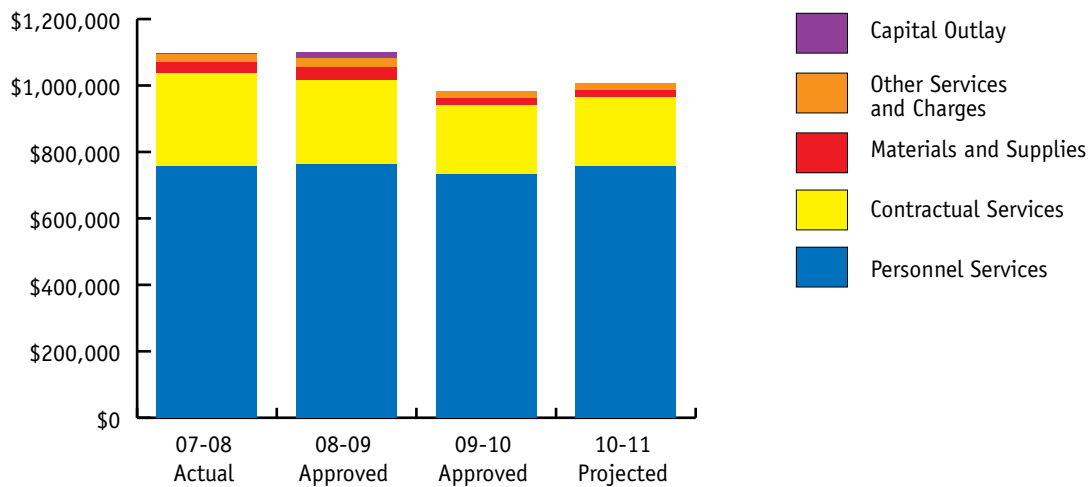
Authorized Personnel	Positions			Full Time Equivalents		
	2007- 2008 Actual	2008-09 Revised	2009-10 Approved	2007-08 Actual	2008-09 Revised	2009-10 Approved
Utility Director	1	1	1	1.00	1.00	1.00
Chief Utility Engineer	1	1	1	1.00	1.00	1.00
Utility CIP Specialist	1	1	1	1.00	1.00	1.00
Utility Systems Analyst	1	1	1	1.00	1.00	1.00
Utility Locaters	1	1	1	1.00	1.00	1.00
GIS Analyst	2	0	0	2.00	0.00	0.00
GIS Technician	1	1	1	1.00	1.00	1.00
Senior Utility Engineer	1	1	1	1.00	1.00	1.00
Administrative Technician III	1	1	1	1.00	1.00	1.00
Total	10	8	8	10.00	8.00	8.00

Water/Wastewater Utility Fund Expenditures

Utilities Administration

Utilities Administration

Expenditures by Category



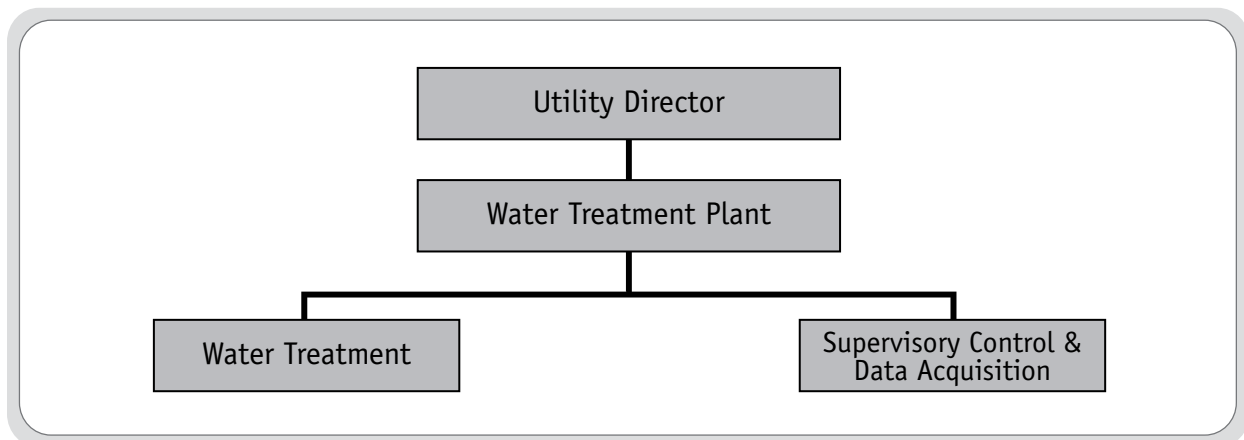
Summary of Expenditures:

	2007-08 Actual	2008-09 Approved Budget	2009-10 Approved Budget	2010-11 Projected Budget
Personnel Services	\$757,017	\$763,532	\$733,988	\$757,655
Contractual Services	280,845	252,915	205,683	205,683
Materials and Supplies	31,172	37,302	23,467	23,467
Other Services and Charges	24,530	27,650	19,150	19,150
Capital Outlay	5,178	20,000	0	0
Total Expenditures:	\$1,098,742	\$1,101,399	\$982,288	\$1,005,955
Expenditures per Capita:	\$11.73	\$11.30	\$9.74	\$9.74

Water Treatment Plant Department

The primary activity of the Water Treatment Plant Department is the treatment of surface and ground water sources to a level that meets or exceeds state and federal regulations. This is accomplished by utilizing sophisticated equipment, innovative treatment technologies and state certified waterworks operators. The Water Treatment Plant is also responsible for the operations of the computer system used to monitor and control the treatment and distribution of water and collection of wastewater.

Mission: Provide the highest quality, best tasting drinking water of sufficient quantity, volume and pressure, for domestic use and fire protection.



Departmental Program Summary:

The Water Treatment Plant consists of a single program divided into two components described in detail below:

Programs:

Water Treatment: The Water Treatment Program is responsible for treating and distributing surface and ground water. The surface water treatment plant can treat 48 million gallons of water per day. The ground water treatment plant can treat up to 9 million gallons of water per day.

Supervisory Control and Data Acquisition (SCADA):

The SCADA program maintains and operates the computerized automation system, which controls plant operation, water distribution, and wastewater lift stations. This system consists of field instruments and measuring devices, remote terminal units, programmable logic controllers, radios and human/machine interface devices. The SCADA system is essentially a collection of devices that allow the operator to control and monitor equipment. This automation allows operations to be more efficient.

FY 2008-09 Highlights:

In FY 2008-09, the Water Treatment Plant Department focused on rehabilitating portions of the existing treatment facilities, rerating the design capacity of the treatment facilities and improving sludge hauling efficiencies. The department implemented several programs intended to achieve those goals. Listed below, are the department highlights.

- Phase IV of the Surface Water treatment plant was refurbished in time to meet summer water demands.
- The Texas Commission on Environmental Quality accepted the City's proposal to rerate the surface water treatment facilities to 52 million gallons per day.
- The Department began drying water treatment sludge onsite and hauling to disposal in-house. This resulted in a cost savings of \$120,000.

Water Treatment Plant

FY 2009-10

Overview and Significant Changes:

Optimizing treatment, meeting new regulatory requirements and participating in the regional water treatment facility continues to dominate the Water Treatment Department activities. In particular, the Department is focusing on the following:

- Rehabilitating the Phase III treatment structure and the belt filter press.
- Implementing the monitoring requirements for the Stage Two Disinfectant By-product Rule.
- Providing the City of Cedar Park with treated water and participating in the construction of the regional water treatment plant.

New Programs for FY 2009-10:

The Water Treatment Plant is proposing no new programs for FY 2009-10.

FY 2010-11 Overview and Beyond:

In the upcoming years, the Water Treatment Department will concentrate on activities geared toward maintaining and optimizing existing facilities as well as planning to meet the future needs of the City and its customers. The Water Treatment Department will focus on the following activities in FY 2010-11:

- The water treatment plant will continue to monitor the new regulations that may impact our treatment techniques. New rules regarding disinfectant by-products, ground water treatment, treated water quality and source water quality will be at the forefront of our considerations.
- As portions of the surface water treatment facilities begin to age, the department will focus on preventive maintenance and routine equipment change-outs.
- The water treatment plant will also evaluate aging technology and devise a cost effective plan for upgrading computer and monitoring systems.

Departmental Goals:

- Monitor peak day consumption to ensure that planned treatment capacity expansions will meet future needs. (City Goal 5.1)
- Improve public education and awareness regarding the quality of the drinking water and water conservation issues. (City Goal 6.1)
- Continue to develop and empower employees. (City Goals 5.2 and 6.0)
- Provide surface and groundwater treatment in compliance with all rules and regulations. (City Goal 5.4)

Objective: Improve operational and production efficiency.	Actual 06-07	Actual 07-08	Forecast 08-09	Forecast 09-10
Treated water quality (NTU)	.12	.14	.14	.14
Number of treatment violations	0	0	0	0
Organic removal rate	97.4%	97.5%	97.2%	97.2%
Chemical feed rate (ml/min)	400	450	430	450
Electrical costs (\$/1,000 gallons)	.0375	.0303	.0316	.03513

Trend: The maximum limit for treated water quality, as set forth by the United States Environmental Protection Agency, is 0.3 NTU (Nephelometric Turbidity Units). We strive to achieve a reading of .15 or better.

Trend: Regarding the organic removal rate, we strive to achieve a removal rate of 95% or better.

Trend: The increase in electrical costs per 1,000 gallons treated is related to a steady increase in the electrical rate.

- Improve system automation and data management through innovation and technology. (City Goal 5.5)

Objective: Improve system efficiency.	Actual 06-07	Actual 07-08	Forecast 08-09	Forecast 09-10
Treated water costs (operating costs/ thousand gallons)	\$.7729	\$.9366	\$.9024	\$.9704
Number of mechanical failures	5	5	5	5
System downtime (hours)	12	12	12	18

Trend: The cost to treat water continues to increase. This is related to a steady rise in raw water costs, electricity and a severe increase in the cost of treatment chemicals.

Water/Wastewater Utility Fund Expenditures

Water Treatment Plant

Summary of Key Measurement Indicators

Measurement Indicators	Actual 2007-08	Estimated 2008-09	Projected 2009-10
Demand			
Number of Water Connections	29,935	30,653	30,960
Raw Surface Water Pumped (gallons)	6,094,870,000	6,400,825,798	6,611,284,950
Ground Water Pumped (gallons)	1,354,635,000	1,576,558,078	1,628,395,308
Round Rock Service Population	94,521	97,500	125,000
Raw Water Quality (NTU) ¹	5.6	5.6	5.0
Input			
Operating Expenditures	\$6,194,041	\$9,063,267	\$7,720,445
Number Authorized FTEs	17.00	18.00	18.00
Raw Water Costs	\$3,098,000	\$3,146,000	\$3,146,000
Plant Electrical Costs	\$175,000	\$189,035	\$228,870
Chemical Costs	\$400,000	\$400,000	\$400,000
Maintenance Costs	\$58,000	\$70,500	\$70,500
Output			
Surface Water Treated (gallons)	6,227,220,000	6,306,232,313	6,513,581,232
Ground Water Treated (gallons)	1,354,635,000	1,576,558,078	1,628,395,308
Sludge Produced (loads)	112	118	52
Treated Water Quality (NTU) ¹	.14	.14	.14
Efficiency			
Treatment Cost per 1,000 Gallons:			
Chemical Cost per 1,000 (\$)	0.065628963	0.062491937	0.060502611
Electrical Cost per 1,000 (\$)	0.028712671	0.029532908	0.034618081
Production Efficiency:			
Treated H2O/Pumped H2O	102%	99%	99%
Authorized Personnel as % of Utility Fund	13.18%	13.64%	13.64%
Expenditures as a % of Utility Fund	16.17%	25.40%	20.54%
Effectiveness			

¹ NTU is the measure used by the United States Environmental Protection Agency. The City's goal is to reduce the NTUs from raw water source level to .15 or lower.

Water/Wastewater Utility Fund Expenditures

Water Treatment Plant

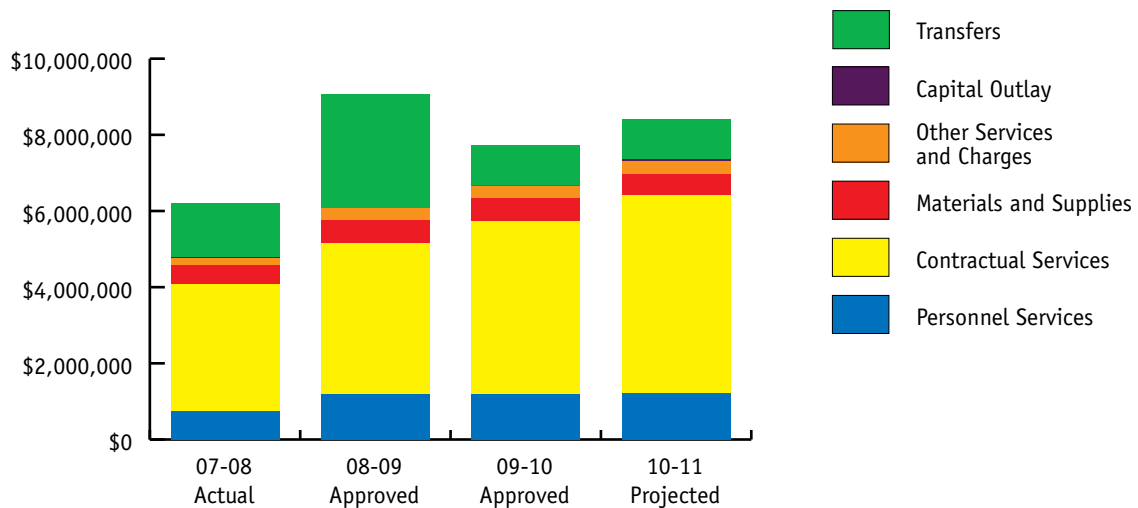
Authorized Personnel	Positions			Full Time Equivalents		
	2007-08 Actual	2008-09 Revised	2009-10 Approved	2007-08 Actual	2008-09 Revised	2009-10 Approved
Senior Utility Services Manager	1	1	1	1.00	1.00	1.00
Water Plant Supervisor	1	1	1	1.00	1.00	1.00
SCADA Technician	1	1	1	1.00	1.00	1.00
Water Plant Operator II	4	4	4	4.00	4.00	4.00
Water Plant Operator I	5	5	5	5.00	5.00	5.00
Water Conservation Coordinator	0	1	1	0.00	1.00	1.00
Water Plant Operator Trainee	1	1	1	1.00	1.00	1.00
Utility Systems Integrator	1	1	1	1.00	1.00	1.00
Facility Controls Electrician	1	1	1	1.00	1.00	1.00
Water Plant Maintenance Technician	1	1	1	1.00	1.00	1.00
Senior Water Plant Operator	1	1	1	1.00	1.00	1.00
Total	17	18	18	17.00	18.00	18.00

Water/Wastewater Utility Fund Expenditures

Water Treatment Plant

Water Treatment Plant Department

Expenditures by Category



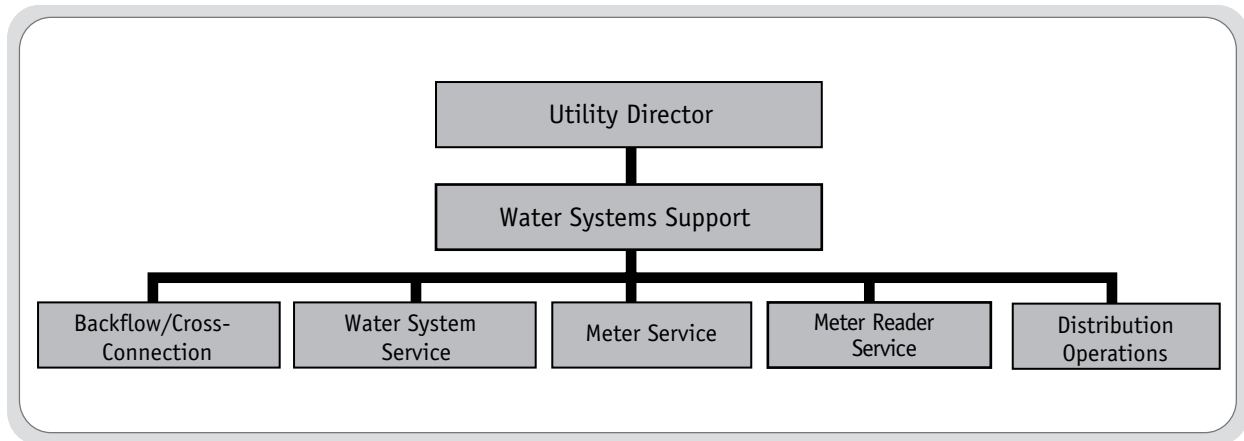
Summary of Expenditures:

	2007-08 Actual	2008-09 Approved Budget	2009-10 Approved Budget	2010-11 Projected Budget
Personnel Services	\$756,679	\$1,206,670	\$1,202,223	\$1,224,530
Contractual Services	3,334,481	3,952,443	4,529,847	5,182,847
Materials and Supplies	488,581	596,524	604,868	573,868
Other Services and Charges	181,039	318,470	321,735	321,735
Capital Outlay	11,585	5,000	0	50,930
Transfers	1,421,676	2,984,161	1,061,772	1,061,772
Total Expenditures:	\$6,194,041	\$9,063,267	\$7,720,445	\$8,415,682
Expenditures per Capita:	\$66.11	\$92.96	\$76.59	\$81.47

Water Systems Support Department

The Water Systems Support Department is responsible for the operation, maintenance, and repair of the City's water distribution system. Responsibilities are discharged through the utilization of multiple maintenance crews. Reporting lines of authority and accountability are shown below.

Mission: Provide customers with safe, adequate, reliable, and high quality water services.



Departmental Program Summary:

The Water Systems Support Department consists of a single program with five components:

Programs:

Water Systems Support consists of Backflow/Cross-Connection; Water System Service; Meter Service; Meter Reader Service; and Distribution Operations. These components are under the direction of the Utility Support Superintendent, whose position is in Wastewater Systems Support.

Backflow/Cross-Connection: Personnel perform on-site inspections and update information on residential/commercial customers for required cross-connection device certification to keep the water safe for the public. This ensures safe and potable drinking water to the customers and maintains compliance with state regulations and the cross-connection policies defined by City ordinance.

Water System Service: Assures system reliability and safety through its Water System Equipment Maintenance program by performing routine inspections of 53 water distribution control sites (i.e. wells, storage tanks, booster pump stations, pressure reducing valves, etc.).

Maintenance and repairs are performed on motors, pumps, electrical controls (i.e. solenoid valves, control panels, starters, etc.), and pressure control valves. In order to maximize the system's reliability, Water Systems Support maintains an emergency response team that is on call 24 hours per day, 365 days per year.

Meter Service: Ensures water use accountability by testing, repairing and replacing commercial/residential meters. This process maximizes meter performance and accuracy. It allows personnel to oversee all of the new commercial and residential meter installations. The service also maintains all wholesale fire hydrant meter accounts.

Meter Reader Service: Personnel accurately and efficiently read approximately 30,000 commercial and/or residential water meters monthly. Meters are reread for inaccurate field readings and high/low consumption if flagged by the Utility Billing Department.

Distribution Operations: Personnel monitor and operate the water distribution system to ensure storage tank levels are adequate for disinfection and fire protection. Distribution pumps are operated to provide adequate water supply and pressure. The lift station and pumping stations are operated and monitored to ensure equipment is operating correctly to prevent failures that would cause a sewage spill.

FY 2008-09 Highlights:

The City's commercial and residential growth was good and there were a few projects in place to ensure the water needs would be met in the future. Also the City's meter reading is looking at newer technology for reading meters and utility billing.

- The completion of potable water High Service Pump # 11
- Start of the construction of the new 2 Mg 1431 Elevated Tank for the 1031 Pressure Plane
- The RFP for an Automated Meter Reading Pilot Program

FY 2009-10

Overview and Significant Changes:

The City's growth has slowed compared to previous years, but the City continues with improvement projects for future utility needs. The improvements will be needed to meet the demands of the public water supply in the future.

- Start of the High Service Building 1 Improvements and the addition of 1.5 Mg Clear Well Tank
- Completion of the 1431 2 Mg Elevated Tank
- Continue the Phased Construction of the BCRUA Water Supply

New Programs for FY 2009-10:

Water Systems Support is proposing no new programs for FY 2009-10.

FY 2010-11 Overview and Beyond:

The Distribution System will continue its growth to meet future needs with the construction of the BCRUA Water Plant and continuous improvements to the existing infrastructure.

- Continue the phased construction of the BCRUA Water Supply
- Design a Water Reuse Plant and storage tank in Old Settlers Park
- Purchase Site for 2 Mg Elevated storage tank in the Northeast Sector

Departmental Goals:

- Provide and retrieve accurate data from the distribution system to maintain a comprehensive and integrated in-house water system distribution computer model. (City Goal 5.5)
- Increase staff to keep up with the distribution system growth, and establish a water distribution Supervisory Control and Data Acquisition (SCADA) program to make this department as efficient and productive as possible. (City Goal 5.1)
- Maintain a reliable and efficient water distribution system, while meeting all Environmental Protection Agency (EPA), Texas Commission on Environmental Quality (TCEQ) and Safe Drinking Water Act regulations. (City Goal 5.4)
- Ensure citizens receive quality service and safe water in a timely manner by maintaining a highly competent staff through comprehensive continuing education, training, and certification programs. (City Goal 5.4)

Objective: Maintain an adequate and qualified workforce and equipment to meet quality service delivery needs.	Actual 06-07	Actual 07-08	Forecast 08-09	Forecast 09-10
Retention rate or new hires	100%	95%	100%	100%
Distribution system growth %	6.0%	7.0%	6.0%	1.0%
Number of work orders	14,828	11,675	12,500	12,500
Average response time/average time to complete (Measure in hours)	.5	.5	.5	.5

Trend: The project with Cedar Park and Leander began in 2009 and will continue to 2012. The High Service Pump #11 will be completed in 2009 and the 1431 Elevated Tank in 2010.

- Ensure the efficient distribution, accountability and reliability of our water resources. (City Goal 5.5)

Objective: Active participation to create long-range water service strategies with the Lower Colorado-Brazos Alliance and other area municipalities in order to provide customers with efficient and reliable service.	Actual 06-07	Actual 07-08	Forecast 08-09	Forecast 09-10
% of water accounted for	89.0%	88.0%	90.0%	91.0%
% of City's total electric bill (Utility usage)	51.0%	56.0%	55.0%	55.0%

Trend: Decline due mostly to growth in total City utilities outside of department.

- Maintain a highly competent and reliable staff through comprehensive continuing education, training, and certification program. (City Goal 5.2)

Objective: Maintain an adequate and qualified work force to meet quality service delivery needs.	Actual 06-07	Actual 07-08	Forecast 08-09	Forecast 09-10
Total number of utility support staff	20	21	21	21
% of staff holding required licenses	100%	100%	100%	100%
% of staff holding multiple licenses	52%	65%	65%	65%

Water/Wastewater Utility Fund Expenditures

Water Systems Support

Summary of Key Measurement Indicators

Measurement Indicators	Actual 2007-08	Estimated 2008-09	Projected 2009-10
Demand			
Pumping Sites	14	15	15
Pumps	50	50	51
Pressure Reducing Control valves	60	63	67
Ground Storage Tanks (includes Clearwells)	8	8	8
Stand Pipes	3	3	3
Elevated Tanks	7	8	9
Active Meters	29,935	30,653	30,960
Buildings Maintained	14	14	15
Telemetry Sites	24	25	26
Input			
Operating Expenditures	\$3,390,325	\$3,452,869	\$3,805,246
Authorized FTEs	21.00	21.00	21.00
Meter Read % increase	9.7%	9.0%	1.0%
Equipment Maintenance % increase	4.0%	5.0%	4.3%
Output			
Surface Water-Pumped (gallons)	6,227,220,000	6,306,232,313	6,513,581,232
Ground Water-Pumped (gallons)	1,354,635,000	1,576,558,078	1,628,395,308
Meters Installed	1,400	700	700
Meters Rebuilt	50	50	50
Meter Change-Outs	1,500	1,000	750
Yearly Total of Meter Reads	375,400	383,500	387,335
Emergency Call-Outs	50	50	40
Efficiency			
% Meter Rereads (from Utility Billing)	0.02%	0.02%	0.02%
Authorized Personnel as % of Utility Fund	16.28%	15.91%	15.91%
Expenditures as a % of Utility Fund	8.85%	9.67%	10.13%
Effectiveness			
% Emergency Response Within 1 Hour	100%	100%	100%
WSS Water Unit Maintenance & Pumping Cost (per 1,000 gallons)	\$0.45	\$0.44	\$0.47

Water/Wastewater Utility Fund Expenditures

Water Systems Support

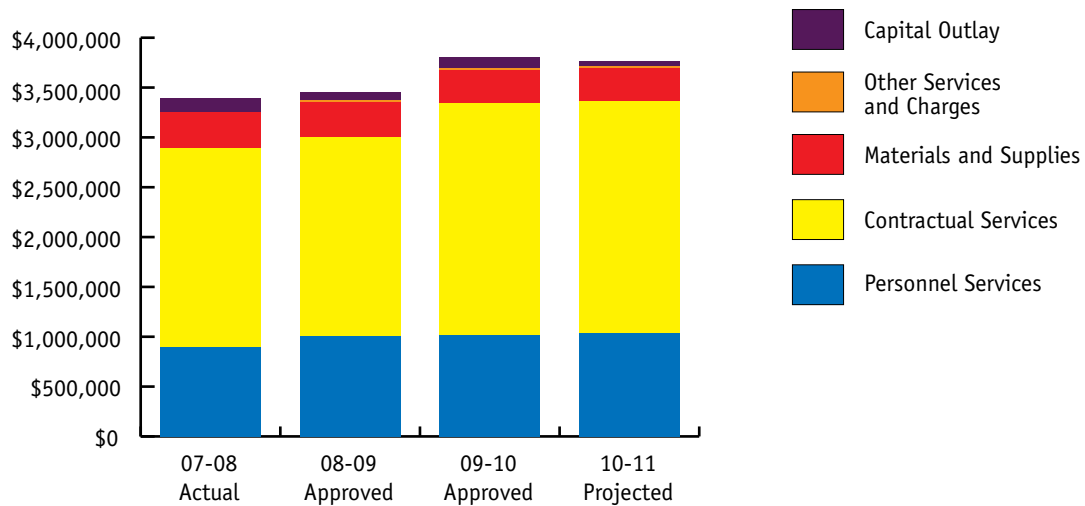
Authorized Personnel	Positions			Full Time Equivalents		
	2007-08 Actual	2008-09 Revised	2009-10 Approved	2007-08 Actual	2008-09 Revised	2009-10 Approved
Administrative Technician III	1	1	1	1.00	1.00	1.00
Meter Reader I/II	4	4	4	4.00	4.00	4.00
Meter Reader III	1	1	1	1.00	1.00	1.00
Meter Reader Supervisor	1	1	1	1.00	1.00	1.00
MMeter Service Technician I/II	4	4	4	4.00	4.00	4.00
Meter Service Technician III	1	1	1	1.00	1.00	1.00
Meter Shop Supervisor	1	1	1	1.00	1.00	1.00
W/WW System Mechanic I/II	4	4	4	4.00	4.00	4.00
W/WW System Mechanic III	2	2	2	2.00	2.00	2.00
Water Distribution Operator I/II	1	1	1	1.00	1.00	1.00
Water Distribution Operator III	1	1	1	1.00	1.00	1.00
Total	21	21	21	21.00	21.00	21.00

Water/Wastewater Utility Fund Expenditures

Water Systems Support

Water Systems Support

Expenditures by Category



Summary of Expenditures:

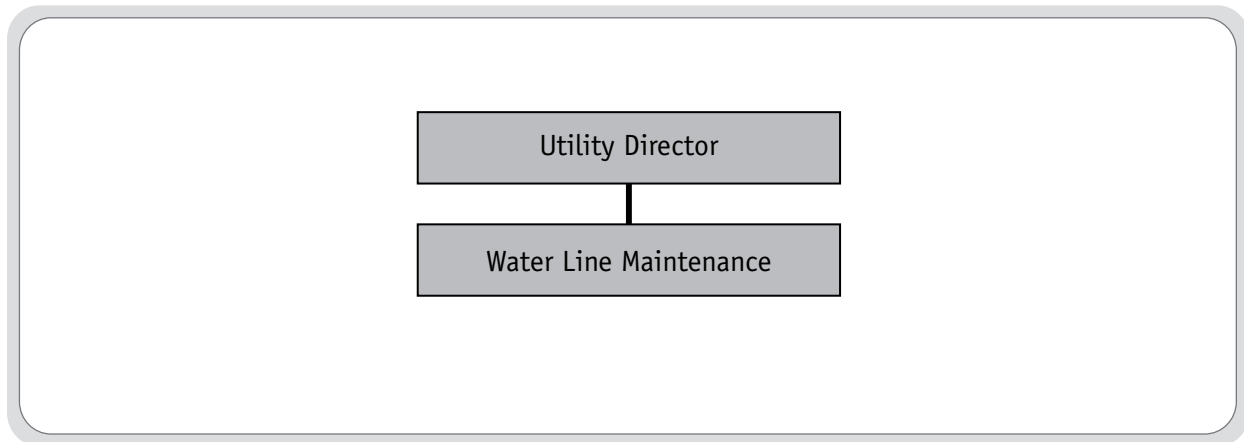
	2007-08 Actual	2008-09 Approved Budget	2009-10 Approved Budget	2010-11 Projected Budget
Personnel Services	\$899,164	\$1,010,594	\$1,020,054	\$1,041,398
Contractual Services	1,993,326	1,988,019	2,318,386	2,318,386
Materials and Supplies	354,800	358,752	339,806	339,212
Other Services and Charges	7,606	13,000	11,500	11,500
Capital Outlay	135,429	82,504	115,500	57,500
Total Expenditures:	\$3,390,325	\$3,452,869	\$3,805,246	\$3,767,996
Expenditures per Capita:	\$36.18	\$35.41	\$37.75	\$36.48

Water Line Maintenance Department

The Water Line Maintenance Department (WLM) maintains approximately 568 miles of water lines, 9,120 valves and 5,266 fire hydrants in the City's water distribution system. Water Line Maintenance uses multiple three-man maintenance crews and a three-man night crew under the direction of a Water Line Maintenance Supervisor,

who reports to the Utility Manager, who reports to the Utility Director.

Mission: Provide all our customers with safe, adequate, reliable, and high quality water services.



Departmental Program Summary:

The Water Line Maintenance Department consists of a single program:

Program:

Water Line Maintenance: This program operates 24 hours a day, 365 days a year. Water Line Maintenance crews repair water line breaks and repair service leaks, including flushing dead-end water mains in accordance with Texas Commission on Environmental Quality (TCEQ). Crews also perform preventative maintenance on all valves and fire hydrants and existing water utility locations in accordance with State law, Texas Line Locate Bill, and "One Call." Water Line Maintenance has one evening shift crew. This crew takes after-hour calls and saves the City on overtime.

FY 2008-09 Highlights:

This last year brought many new challenges for the Water Lines Maintenance Department. From January 2009 to present, we have operated 850 valves and we should be able to operate 3,000 total valves by October 2009. In this same time span, we have maintained, painted and pressure tested 800 fire hydrants, and we should be able to maintain an additional 2,000 fire hydrants by October 2009.

- Water Line Maintenance Department has secured a full-time Fire Hydrant and Valve Coordinator. The Coordinator has been able to make significant changes to our maintenance programs.
- This last year we were tasked with installing 500 feet of 8 inch c900 pipe and a fire hydrant for Habitat for Humanity.
- Water Line Maintenance has three Utility Crew Leaders and one Senior Utility Worker who have obtained their B Water Distribution License as well as obtained their Wastewater Collection III License.

Water Line Maintenance

FY 2009-10

Overview and Significant Changes:

Water Line Maintenance is not asking for any new programs at this time. However, one of our goals is to eventually maintain every fire hydrant in our distribution system at least once a year. Other examples of improvements would be:

- Continually sending all personnel to water and wastewater classes, as well as the City of Round Rock Customer Service Academy.
- Provide assistance to the GIS department and GPS every valve and fire hydrant in our water distribution system.
- Provide the very best safety training available as well as the finest safety equipment on the market.

New Programs for FY 2009-10:

Water Line Maintenance is proposing no new programs for FY 2009-10.

FY 2010-11 Overview and Beyond:

Eventually Water Line Maintenance will need to budget for one additional utility crew to assist with the fire hydrant maintenance program. Currently we have 5,266 fire hydrants and we are only able to maintain 2,800 a year. In the future we will:

- Continue working on setting up training for all Water Line Maintenance employees. Our distribution system is growing each year. Plus we need to stay current with all Federal and State laws.
- Maintain and ensure every employee is TCEQ licensed.
- Keep improving our maintenance programs.
- Provide additional computers and computer training for our utility workers.

Departmental Goals:

- Maintain a comprehensive, integrated in-house water distribution system-modeling program, including system inventory, mapping, and management to ensure efficient and adequate system. (City Goals 5.1 & 5.4)
- Ensure citizens receive quality service in a timely manner. (City Goal 5.2)

Objective: Maintain an adequate and experienced workforce and adequate equipment to meet quality service delivery needs.	Actual 06-07	Actual 07-08	Forecast 08-09	Forecast 09-10
% of responses under 30 minutes	100%	100%	100%	100%
% of personnel certified	100%	90%	90%	90%

- Maintain a highly reliable and efficient water distribution system by complying with all state and federal requirements. (City Goal 5.4)

Objective: Integrate water distribution system computer model with our GIS and Supervisory Control And Data Acquisition (SCADA) systems.	Actual 06-07	Actual 07-08	Forecast 08-09	Forecast 09-10
Compliance with state & federal regulations	100%	100%	100%	100%

- Maintain a highly competent staff through comprehensive continuing education, training and certification program upgrades. (City Goal 5.1)

Objective: Perform an annual evaluation of staff's compliance with applicable EPA and TCEQ rules.	Actual 06-07	Actual 07-08	Forecast 08-09	Forecast 09-10
Total number of staff	31	32	32	33
% of staff holding required license(s)	100%	90%	95%	95%
% of staff holding multiple licenses	90%	90%	90%	90%

Water/Wastewater Utility Fund Expenditures

Water Line Maintenance

Summary of Key Measurement Indicators

Measurement Indicators	Actual 2007-08	Estimated 2008-09	Projected 2009-10
Demand			
Number of Customers/Connections	29,925	30,657	30,386
Number Miles of Water Lines	487	503	568
Input			
Number of Crews: (3,2,1 person crews)	10	10	11
Operating Expenditures	\$2,120,473	\$2,426,664	\$2,324,651
Authorized FTEs	31.00	32.00	33.00
Output			
Work Orders – Water	4,000	4,226	4,044
Water Delivered	7,500,000,000	7,800,000,000	8,141,976,540
Efficiency			
Expenditures per Work Order - Water	\$530.12	\$574.22	\$574.84
Water Line Maintenance Unit cost/1,000 gallons	\$0.28	\$0.31	\$0.29
Work order per mile – Water	8.21	8.40	7.12
Authorized Personnel as % of Utility Fund	24.03%	24.24%	25.00%
Expenditures as a % of Utility Fund	5.53%	6.80%	6.19%
Effectiveness			
% Emergency Response Within 30 Minutes	100%	100%	100%
Annual Work Orders by Crew	400	423	368
Average Work Order/Crew/Day	1.6	1.7	1.5
Customer Satisfaction Rating (Rating of Good/Excellent)	80%	90%	90%

Water/Wastewater Utility Fund Expenditures

Water Line Maintenance

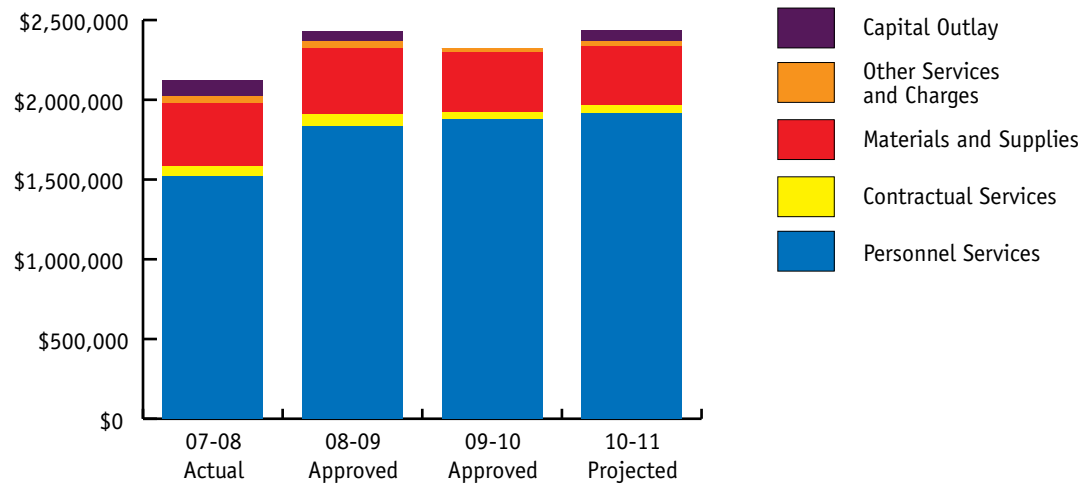
Authorized Personnel	Positions			Full Time Equivalents		
	2007-08 Actual	2008-09 Revised	2009-10 Approved	2007-08 Actual	2008-09 Revised	2009-10 Approved
Utility Operations Manager	1	1	1	1.00	1.00	1.00
Utility Crew Leader	9	9	9	9.00	9.00	9.00
Utility Line Locator	0	1	1	0.00	1.00	1.00
Utility Senior Technician	0	0	3	0.00	0.00	3.00
Utility Worker III	8	8	0	8.00	8.00	0.00
Utility Worker I-II-III	10	10	14	10.00	10.00	15.00
Flushing Technician	1	1	0	1.00	1.00	0.00
Utility Supervisorw	2	2	1	2.00	2.00	1.00
Utility Supply Specialist	0	0	1	0.00	0.00	1.00
Utility Coordinator	0	0	2	0.00	0.00	1.00
Total	31	32	33	31.00	32.00	33.00

Water/Wastewater Utility Fund Expenditures

Water Line Maintenance

Water Line Maintenance

Expenditures by Category



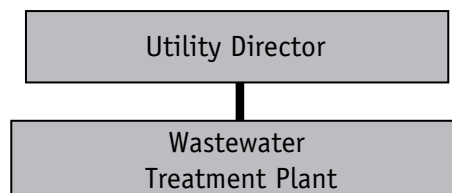
Summary of Expenditures:

	2007-08 Actual	2008-09 Approved Budget	2009-10 Approved Budget	2010-11 Projected Budget
Personnel Services	\$1,523,222	\$1,833,490	\$1,875,742	\$1,914,874
Contractual Services	58,006	73,495	50,063	50,063
Materials and Supplies	396,988	418,991	372,605	372,605
Other Services and Charges	45,069	37,875	26,241	26,241
Capital Outlay	97,188	62,813	0	71,000
Total Expenditures:	\$2,120,473	\$2,426,664	\$2,324,651	\$2,434,783
Expenditures per Capita:	\$22.63	\$24.89	\$23.06	\$23.57

Wastewater Treatment Plant Department

The primary activity of the Wastewater Treatment Plant Department is the treatment of residential, commercial and industrial wastewater to a level that meets or exceeds state and federal regulations. This is accomplished by using sophisticated equipment, advanced treatment technologies and state certified wastewater treatment plant operators provided by the Lower Colorado River Authority (LCRA)/Brazos River Authority (BRA) Alliance.

Mission: Provide the highest quality treated effluent for irrigation, utility, recreation, aquatic habitat and future drinking water uses.



Departmental Program Summary:

The Wastewater Treatment Plant is a single program:

Program:

Wastewater Treatment Plant: The Wastewater Treatment Plant's major function is to treat domestic sewerage. The operation is regional and includes customers from Williamson and Travis counties. Round Rock purchases wastewater treatment from the Lower Colorado River Authority/Brazos River Authority Alliance, which owns, operates, and controls the Wastewater Treatment Plant.

It should be noted that this operation has been conveyed to the Lower Colorado River Authority.

New Programs for FY 2009-10:

The Wastewater Treatment Plant is proposing no new programs for FY 2009-10.

Water/Wastewater Utility Fund Expenditures

Wastewater Treatment Plant

Summary of Key Measurement Indicators

Measurement Indicators	Actual 2007-08	Estimated 2008-09	Projected 2009-10
Demand			
Total Amount of Wastewater Treated (In Millions of Gallons/Day)	5,241,000,000	5,373,840,000	5,429,598,400
Raw BOD (Biochemical Oxygen Demand)	250	250	250
Raw TSS (total suspended solids)	250	250	250
Raw Ammonia	12	12	12
Input			
Department Expenditures/Contractual Costs*	\$9,055,932	\$10,027,724	\$11,243,581
Department FTEs	0.00	0.00	0.00
Output			
Effluent BOD	2	2	2
Effluent TSS	2	2	2
Effluent Ammonia	1	1	1
Efficiency			
Removal Efficiency			
BOD	99%	99%	99%
TSS	99%	99%	99%
Ammonia	92%	92%	92%
Expenditures as a % of Utility Fund	23.63%	28.10%	29.92%
Effectiveness			
Number of Excursions (an unintentional or temporary incident wherein there is a discharge of wastewater with pollutant parameters in excess of a prescribed limit)	0	0	0

Water/Wastewater Utility Fund Expenditures

Wastewater Treatment Plant

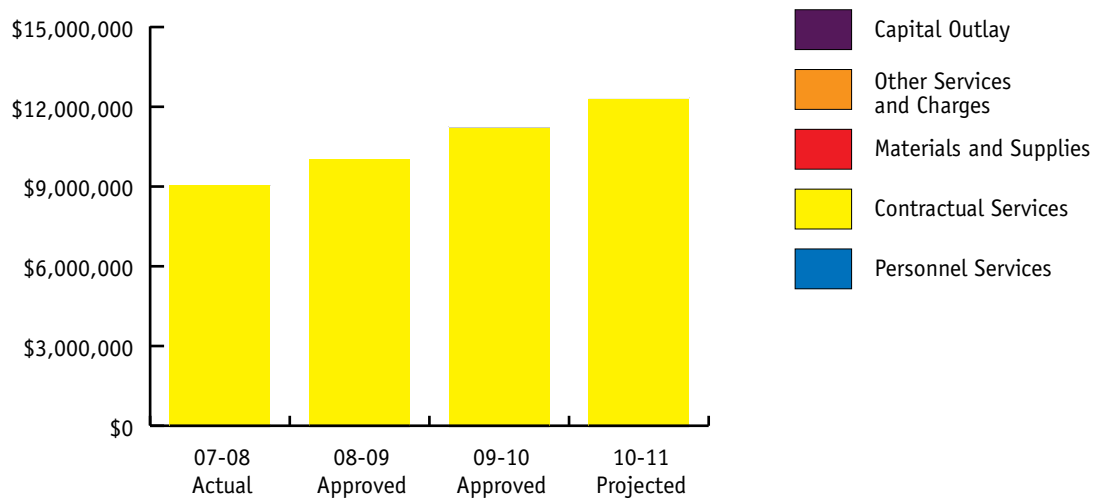
Authorized Personnel	Positions			Full Time Equivalents		
	2007-08 Actual	2008-09 Revised	2009-10 Approved	2007-08 Actual	2008-09 Revised	2009-10 Approved
Total	0	0	0	0.00	0.00	0.00

Water/Wastewater Utility Fund Expenditures

Wastewater Treatment Plant

Wastewater Treatment Plant

Expenditures by Category



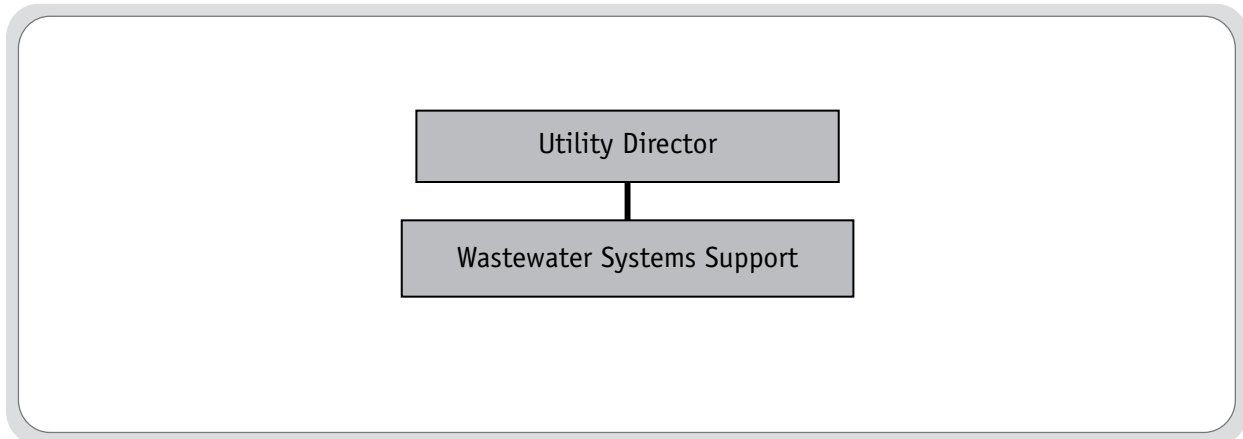
Summary of Expenditures:

	2007-08 Actual	2008-09 Approved Budget	2009-10 Approved Budget	2010-11 Projected Budget
Personnel Services	\$0	\$0	\$0	\$0
Contractual Services	9,055,932	10,027,724	11,200,656	12,300,656
Materials and Supplies	0	0	4,925	0
Other Services and Charges	0	0	38,000	38,000
Capital Outlay	0	0	0	0
Total Expenditures:	\$9,055,932	\$10,027,724	\$11,243,581	\$12,338,656
Expenditures per Capita:	\$96.65	\$102.85	\$111.54	\$119.44

Wastewater Systems Support Department

The Wastewater Systems Support (WWSS) Department is responsible for the operation, maintenance and repair of the City's Wastewater Collection System Lift Stations. Wastewater Systems Support is structured utilizing multiple water/wastewater maintenance crews. Reporting lines of authority and accountability are shown below.

Mission: Provide all of our customers with safe, adequate, reliable, and high quality wastewater services.



Departmental Program Summary:

The Wastewater Systems Support Department consists of a single program, which is described below:

Program:

Wastewater Systems Support: This department maintains the mechanical and electrical equipment on the City's 11 lift stations and is under the direction of the Utility Support Superintendent. The lift station maintenance program assures system reliability by performing routine inspections of the system's wastewater lift stations. These routine inspections include the maintenance and repair of pumps, motors, electrical control systems, and various control devices at each lift station. In order to maximize the system's reliability, Wastewater Systems Support maintains an emergency response team that is on call 24 hours a day, 365 days per year.

FY 2008-09 Highlights:

The City continued to meet Wastewater Collection needs and is planning for future needs.

- Completed the Forest Creek Interceptor versus Lift Station Upgrades Economic Study.

- Completed a Forest Creek Wastewater Collection System and Lift Station Infiltration and Inflow Study.
- McNutt Lift Station is in operation, but inflow is very low.

FY 2009-10

Overview and Significant Changes:

- The City is developing a plan to reuse water for irrigation purposes internally for the Parks Department needs and other uses to save potable water for public consumption.
- Complete a Forest Creek Wastewater Collection System and Lift Station Infiltration and Inflow.
- Begin construction of a Reuse Water System, including treatment, high-service pumps and distribution system.

New Programs for FY 2009-10:

Wastewater Systems Support is proposing no new programs for FY 2009-10.

Water/Wastewater Utility Fund Expenditures

Wastewater Systems Support

FY 2010-11 Overview and Beyond:

- The City will be studying the possibility of reducing the number of lift stations in the Forest Creek area to lower maintenance costs and build a better collection system for this area.
- We will possibly be rehabilitating the Forest Creek Collection System to upgrade or remove some existing Lift Stations.

Departmental Goals:

- Develop and maintain an in-house wastewater modeling program, including system inventory, mapping, and Supervisory Control and Data Acquisition (SCADA) management system to ensure efficient and adequate system expansions. (City Goal 5.5)
- Fully and efficiently utilize the regional wastewater system to enhance the reliability of our wastewater collection system. (City Goal 5.4)
- Ensure our wastewater system is reliable and in compliance with all applicable Environmental Protection Agency (EPA) and Texas Commission on Environmental Quality (TCEQ) regulations. (City Goal 5.4)

Objective: Coordinate our GIS with our SCADA system to locate and track collection and pumping.	Actual 06-07	Actual 07-08	Forecast 08-09	Forecast 09-10
% of system modeled	95%	98%	100%	100%

Objective: Maintain lift stations to ensure 100% operational capability and coordinate collection and pumping with the regional collection system.	Actual 06-07	Actual 07-08	Forecast 08-09	Forecast 09-10
Number of lift stations taken off-line	0	0	0	0
Miles of wastewater line connected directly to lift stations	8.0	8.5	8.5	8.5

- Maintain a highly competent staff through a comprehensive continuing education, training and certification program. (City Goal 5.2)

Objective: Maintain an adequate and experienced workforce to meet quality service delivery needs. Perform annual evaluations of staff's compliance with applicable EPA and TCEQ rules.	Actual 06-07	Actual 07-08	Forecast 08-09	Forecast 09-10
Number of Staff	4	4	4	4
% of staff holding required license(s)	100%	100%	100%	100%
% of staff holding multiple licenses	100%	100%	100%	100%

- Show continual improvement and implementation of our wastewater systems lift stations and wastewater SCADA system. (City Goal 5.5)

Objective: Establish a wastewater SCADA system to monitor lift stations. Maintain equipment to ensure public safety.	Actual 06-07	Actual 07-08	Forecast 08-09	Forecast 09-10
Number of lift stations	11	12	12	12
% of lift stations on WW SCADA system	100%	100%	100%	100%

Summary of Key Measurement Indicators

Measurement Indicators	Actual 2007-08	Estimated 2008-09	Projected 2009-10
Demand			
Wastewater Lift Stations	12	12	12
Pumps	24	24	24
Telemetry System (Sites)	12	12	12
Input			
Operating Expenditures	\$1,662,040	\$1,733,602	\$912,127
Number Authorized FTEs	4.00	4.00	4.00
Wastewater Collected	5,241,000,000	5,373,840,000	5,429,598,400
Output			
Maintenance on Wastewater Lift Stations	12	12	12
Number of Emergency Call Outs (resident/city/etc.)	25	25	20
Efficiency			
Expenditures as a % of Utility Fund	4.34%	4.86%	2.43%
Authorized Personnel as a % of Utility Fund FTEs	3.10%	3.03%	3.03%
Yearly Cost per Site Maintained (exclusive of WW Construction Funds)	\$40,705	\$41,000	\$39,996
Effectiveness			
% of Emergency Calls Responded to within 1 Hour	100%	100%	100%
WWSS Unit Cost per 1,000 gallons	\$0.32	\$0.32	\$0.32

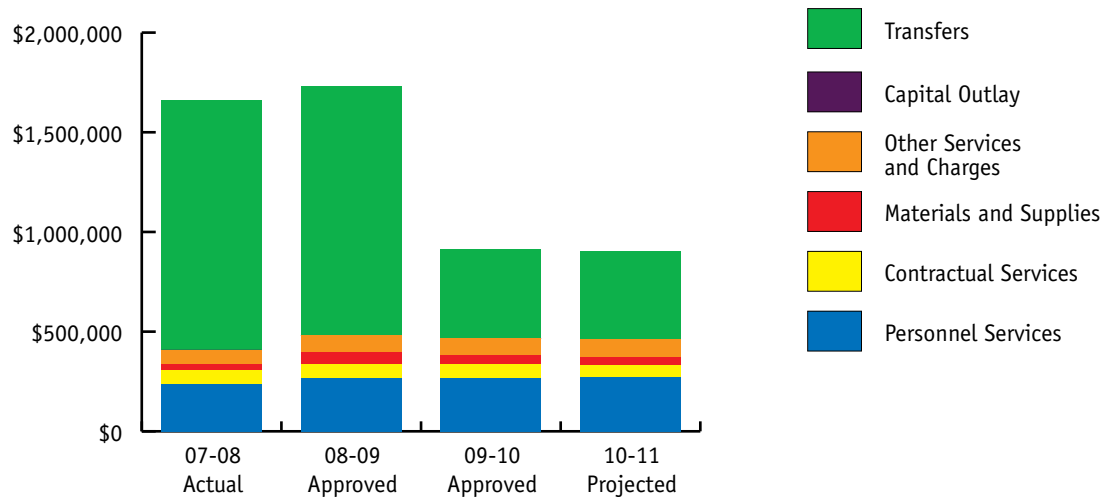
Water/Wastewater Utility Fund Expenditures

Wastewater Systems Support

Authorized Personnel	Positions			Full Time Equivalents		
	2007-08 Actual	2008-09 Revised	2009-10 Approved	2007-08 Actual	2008-09 Revised	2009-10 Approved
Utility Support Superintendent	1	1	1	1.00	1.00	1.00
System Mechanic IV	1	1	1	1.00	1.00	1.00
System Mechanic II	1	1	1	1.00	1.00	1.00
System Mechanic Supervisor	1	1	1	1.00	1.00	1.00
Total	4	4	4	4.00	4.00	4.00

Wastewater Systems Support

Expenditures by Category



Summary of Expenditures:

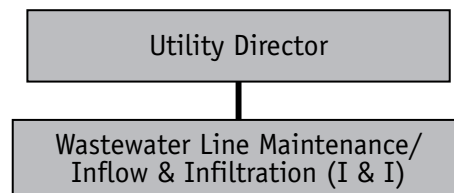
	2007-08 Actual	2008-09 Approved Budget	2009-10 Approved Budget	2010-11 Projected Budget
Personnel Services	\$237,795	\$267,329	\$267,642	\$273,117
Contractual Services	67,549	70,196	70,133	57,864
Materials and Supplies	30,097	56,327	40,713	40,733
Other Services and Charges	74,599	87,750	88,175	88,175
Capital Outlay	0	0	0	0
Transfers	1,252,000	1,252,000	445,464	445,464
Total Expenditures:	\$1,662,040	\$1,733,602	\$912,127	\$905,353
Expenditures per Capita:	\$17.74	\$17.78	\$9.05	\$8.76



Wastewater Line Maintenance Department

The Wastewater Line Maintenance (WWLM) Department is responsible for the maintenance and repair of the City's Wastewater Collection System. Wastewater Line Maintenance is structured utilizing multiple three-man maintenance crews under the direction of the Wastewater Line Maintenance Supervisor reporting to the Utility Operations Manager, all of whom report to the Utility Director.

Mission: Provide all of our customers with safe, adequate, reliable, and high quality wastewater services.



Departmental Program Summary:

The Wastewater Line Maintenance Department consists of one program described below:

Program:

Wastewater Line Maintenance: Wastewater Line Maintenance (WWLM) and Inflow & Infiltration (I&I) are one department but are considered two separate cost centers (division) with the same goals. Wastewater Line Maintenance crews repair line breaks and remedy service problems. This program operates on a 24/7 basis with on-call personnel after hours, weekends, and holidays. With the current inspection, correction and documentation requirements of the Texas Commission on Environmental Quality (TCEQ) Edwards Aquifer Rules (Chapter 213), the Wastewater Line Maintenance division identifies and corrects inflow and infiltration into the City's wastewater collection system during rainy periods. This requires testing and certification of all Wastewater facilities every seven years. Wastewater Line Maintenance (WWLM) also performs preventative maintenance and locates existing water utility lines as needed in accordance with the Texas Line Locate Bill, "One Call."

FY 2008-09 Highlights:

The Department has been working on improving service and meeting mandated rules by:

- Streamlining programs to improve service by having a person closely coordinate maintenance crew on repairs, line and lift station cleaning programs to assure adequate service to all customers.
- Train camera crewmen on manhole inspection in order to begin a pilot program that would help inspect the manhole while the inspection crew cameras the collection lines along the Edwards Aquifer Recharge Zone. The program was successful and it helps ensure inspection stay on schedule and meets the City's mandated rule set by TCEQ.
- With conversion of the inspection software, crew members will only have to be trained on one software program. This program will help move team members from one truck to another without having to learn different software.

FY 2009-10

Overview and Significant Changes:

The City continues to work on reducing the amount of I&I into the collections system as well as the cost to treat the added amounts of water by:

- Working in conjunction with the City and consulting engineers to collect wastewater flow and rainfall data via meters to eliminate I&I in specific target areas.
- Stream the process in which I&I and manhole data is gathered, stored and evaluated by making the process more efficient and accurate. The Department could reduce the amount of data sent for review by license engineers, therefore reducing the cost paid to engineering firms.
- Converted all the camera inspections units to the Windows Operating System 8.0 software. One of the units has been converted from the Flexi Data software to the Win Can software. Now all collected data can be stored and cross referenced via the same program for an increase in efficiency.

New Programs for FY 2009-10:

Wastewater Line Maintenance is proposing no new programs for FY 2009-10.

FY 2010-11 Overview and Beyond:

The City will continue to upgrade our modeling system by:

- Dedicating a person to help with GPS/GIS mapping project. This person will continue to help GPS manholes and end of the line clean-outs.
- The Department will continue to install/relocate and monitor wastewater flow meters and rainfall data in selected locations throughout the City to help identify I&I in the collections system.
- The Department has received the new five year inspection schedule. The three inspection units will be issued their own sub-basins. The inspection units will also inspect manholes while they are inspecting a line segment in order to reduce travel time and cost.

Departmental Goals:

- Protect the public health by developing and maintaining a comprehensive, integrated in-house wastewater collection system modeling program, including system inventory, mapping, and management to ensure efficient and adequate system expansions. (City Goal 5.1)
- Ensure citizens receive quality service in a timely manner. (City Goal 5.2)
- Ensure our wastewater system is reliable and in compliance with all applicable state and federal regulations.
- Fully and efficiently utilize the regional wastewater system to enhance the reliability of our wastewater collection system. (City Goal 5.4)

Objective: Acquire and maintain adequate equipment and supplies to meet quality service delivery needs.	Actual 06-07	Actual 07-08	Forecast 08-09	Forecast 09-10
Number of work orders	3,902	4,293	4,320	4300
Average response time/average time to complete	30 mins/ 12 hours	30 mins/ 12 hours	30 mins/ 12 hours	30 mins/ 12 hours

- Maintain a highly competent and reliable staff through a comprehensive continuing education, training and certification program. (City Goal 5.1)

Objective: Maintain an adequate and experienced workforce to meet quality service delivery needs. Perform an annual evaluation of staff's compliance with applicable EPA and TCEQ rules.	Actual 06-07	Actual 07-08	Forecast 08-09	Forecast 09-10
Total number of staff	26	27	28	28
% of staff holding required license(s)	100%	100%	95%	93%
% of staff holding multiple licenses	60%	70%	80%	82%

- Continual improvement and implementation of our wastewater systems inflow and infiltration (I&I) reduction program to ensure the protection of our natural resources. (City Goal 5.4)

Objective: Establish an I&I Office to coordinate and maintain our I&I reduction program documents in order to comply with applicable EPA regulations and TCEQ's Edwards Aquifer Rules. Implement RJN Group, Inc.'s recommendations for I&I reduction through line and manhole repair, replacement, and rehabilitation.	Actual 06-07	Actual 07-08	Forecast 08-09	Forecast 09-10
Miles of WWL videotaped as % of system	9%	9%	8%	4%
Miles of WWL added to system as % of increase to system	7%	5%	3%	1%
Miles of WWL repaired or replaced as % of miles to system	4%	4%	4%	3%
Number of manholes rehab as % of system	4%	5%	3%	6%

Trend: Rehabilitation of part of the system (Edwards Aquifer Recharge Zone) is now on a seven-year program per state mandate. Percentages have dropped significantly in most measures as a result of compliance mandates and revision of estimates. Basins are different in size and linear feet.

Water/Wastewater Utility Fund Expenditures

Wastewater Line Maintenance

Summary of Key Measurement Indicators

Measurement Indicators	Actual 2007-08	Estimated 2008-09	Projected 2009-10
Demand			
Miles of Sewer Mains	392	400	411
Input			
Number Authorized FTEs	27.00	28.00	27.00
Operating Expenditures	\$1,925,626	\$1,848,607	\$1,854,862
Total Amount of BCRWWS Treated Wastewater	5,241,000,000	5,373,840,000	5,429,598,400
Total Amount of Round Rock Treated Wastewater	3,576,458,400	3,554,506,500	3,617,198,454
Output			
Feet of Line Investigated –TV	161,291	156,934	114,176
Mainline	141,291	117,415	108,200
Laterals	20,000	39,519	5,700
Manholes Inspected	242	457	276
Efficiency			
Per Capital Sewer Calls	0.00427	0.00710	0.00744
Total Wastewater Service Calls	400	692	750
Authorized Personnel as % of Utility Fund	20.93%	21.21%	20.45%
Expenditures as a % of Utility Fund	5.03%	5.18%	4.94%
Effectiveness			
Located Number Gallons per Minute I&I	750	813	535
Repaired Number of Gallons per Minute I&I	850	583	501
Manholes Repaired	75	165	231
Line Stoppages Corrected	250	388	400
% Customer Satisfaction Rating (Good to Excellent)	95%	95%	95%

Water/Wastewater Utility Fund Expenditures

Wastewater Line Maintenance

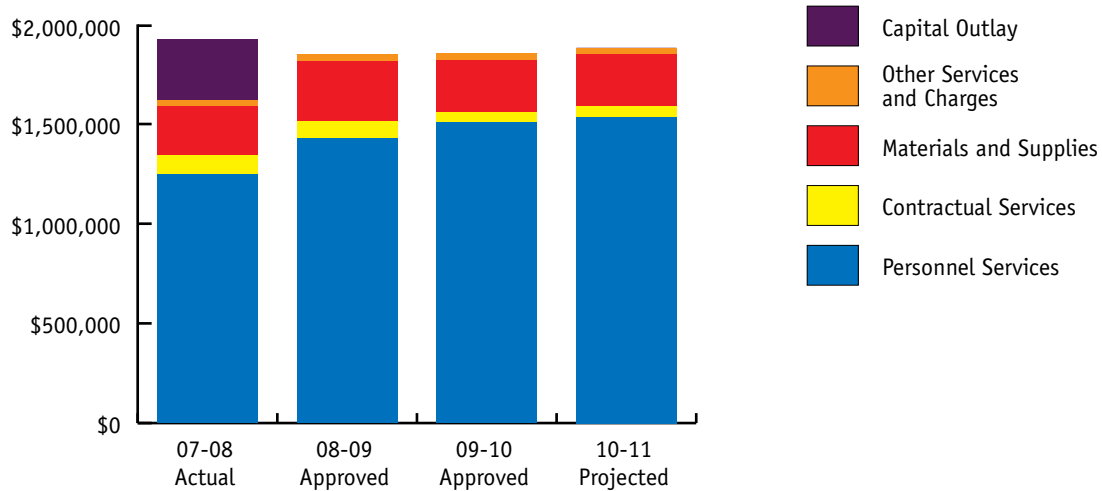
Authorized Personnel	Positions			Full Time Equivalents		
	2007-08 Actual	2008-09 Revised	2009-10 Approved	2007-08 Actual	2008-09 Revised	2009-10 Approved
Administrative Technician I/III	2	2	1	2.00	2.00	1.00
I&I Coordinator	1	1	1	1.00	1.00	1.00
Utility Crew Leader	4	4	4	4.00	4.00	4.00
I&I Utility Crew Leader	4	4	4	4.00	4.00	4.00
Utility Supervisor	1	1	1	1.00	1.00	1.00
Utility Worker I&I Ops Tech	1	1	1	1.00	1.00	1.00
Utility Line Locator	0	1	1	0.00	1.00	1.00
Utility Worker I/II/III	14	14	14	14.00	14.00	14.00
Total	27	28	27	27.00	28.00	27.00

Water/Wastewater Utility Fund Expenditures

Wastewater Line Maintenance

Wastewater Line Maintenance

Expenditures by Category



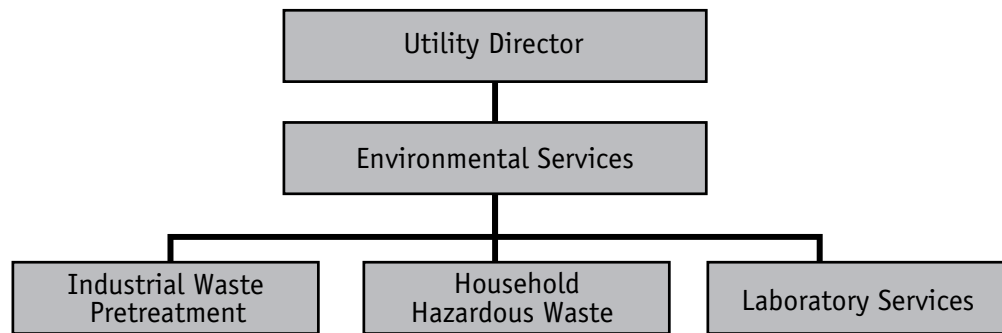
Summary of Expenditures:

	2007-08 Actual	2008-09 Approved Budget	2009-10 Approved Budget	2010-11 Projected Budget
Personnel Services	\$1,245,253	\$1,429,539	\$1,507,829	\$1,535,030
Contractual Services	97,348	83,913	53,699	53,699
Materials and Supplies	248,801	300,455	259,864	259,864
Other Services and Charges	29,491	34,700	33,470	33,470
Capital Outlay	304,733	0	0	0
Total Expenditures:	\$1,925,626	\$1,848,607	\$1,854,862	\$1,882,063
Expenditures per Capita:	\$20.55	\$18.96	\$18.40	\$18.22

Environmental Services Department

Environmental Services consists of several primary activities: Industrial Waste Pretreatment, Household Hazardous Waste Services, and Laboratory Services. These activities are accomplished through implementing and encouraging pollution prevention activities, enforcing environmental regulations, and quantifying pollutant concentrations.

Mission: To provide resource preservation, conservation, and protection through the implementation and enforcement of environmental regulations and stewardship.



Departmental Program Summary:

The Environmental Services Department consists of three programs which are described below:

Programs:

Industrial Waste Pretreatment: Mandated by the Environmental Protection Agency (EPA) and the Texas Commission on Environmental Quality (TCEQ), this component is designed to protect the wastewater collection and treatment systems, public health, the environment, and public waterways from pollutant discharges. The pretreatment program includes permitting, inspecting, sampling, and testing of local businesses and industries to ensure compliance with applicable regulations.

Household Hazardous Waste Services (HHW): provides the safe and correct disposal of hazardous home chemicals and paint. This program helps divert hazardous materials from landfills and drinking water supplies and reduces the potential of illegal dumping. The City has conducted HHW services since 1996 and became a TCEQ approved permanent collection facility in December 2004.

Laboratory Services: provides testing services to a variety of customers. These include the City Water Treatment and Building Construction Inspections Departments, citizen inquiries, and municipal accounts. The laboratory has been certified by the Texas Department of Health since 1996 and maintains the highest standard of quality control. Laboratory Services provides data needed to recover waste treatment costs passed on by the Brazos River Authority (BRA).

FY 2008-09 Highlights:

FY 2008-09, the Environmental Services Department continued to focus on activities dedicated to enhancing the laboratory services, industrial waste pretreatment and household hazardous waste programs. These activities included the following:

- Obtained the necessary NELAP (National Environmental Laboratory Accreditation Program) status as a Recognized Accredited Laboratory.
- Updated existing laboratory services fees, industrial waste pretreatment fees and fees for household hazardous waste services.
- Added a new Laboratory Analyst position in order to help manage increased workloads.

FY 2009-10

Overview and Significant Changes:

In FY 2009-10, the Environmental Services Department will continue to concentrate on pollution prevention strategies. The Department is concentrating on the following significant activities:

- Encouraging and developing a regional approach to household hazardous waste disposal within the City's watershed and sewershed.
- Incorporating the new Texas Commission on Environmental Quality (TCEQ) streamlining rules into the existing pretreatment program.
- Creating a more user-friendly website designed to enhance the services provided by the Department and to provide customers with timely data and program information.

New Programs for FY 2009-10:

Environmental Services is proposing no new programs for FY 2009-10.

FY 2010-11 Overview and Beyond:

As we transition from a small to medium sized city, the Environmental Services Department will concentrate on activities geared toward improving pollution prevention and expanding laboratory testing services, as well as planning to meet the future needs of the community. The following points will be addressed in FY 2010-11:

- Continue to target and identify businesses that have the potential to adversely impact the pretreatment program.
- Seek out additional revenue sources within the Environmental Services area as well as streamlining processes to reduce costs.
- Implement the necessary quality assurance and quality control procedures to maintain NELAC in the laboratory as well as maintain the TCEQ approved Industrial Pretreatment Program.

Departmental Goals:

- Implement and enforce the rules and regulations governing non-domestic wastewater discharges into the sanitary sewer. (City Goal 5.4)
- Continue to develop and empower employees. (City Goals 5.2 and 6.0)
- Provide laboratory testing services to internal and external customers. (City Goal 5.4)

Objective: Perform water and wastewater tests and increase contract testing services.	Actual	Actual	Forecast	Forecast
Objective: Improve internal quality control.	06-07	07-08	08-09	09-10
Number of water tests in lab and in field (bacteriological, fluoride, chlorine, hardness)	13,548	15,656	16,000	17,000
Number of wastewater tests (total suspended solids, total dissolved solids, pH, volatile organics, etc.)	924	677	700	725
Number of water systems and contractors utilizing water laboratory services/number of contracts/customers	125	187	190	200

Trend: The number of water tests is increasing because the laboratory has increased the number of customer contracts. In FY 2007-08, the laboratory program became a subcontractor for a Cryptosporidium lab that manages multiple water systems for the Long-Term 2 Enhanced Surface Water Treatment Rule (LT2) program. Also, new TCEQ requirements are expected to increase the number of bacteriological samples beginning in January 2010.

- Provide resource management including solid waste and waterways. (City Goal 5.6)

Objective: Increase the amount of material being disposed of properly, participation rate, and regionalize the HHW program.	Actual	Actual	Forecast	Forecast
	06-07	07-08	08-09	09-10
Tons of non-recyclable material disposed (Material handled by a hazardous waste contractor such as paint and household chemicals)	9.7	12.2	13.4	14.2
Tons of material re-used/re-issued (Material put into the re-use program such as usable paint, pesticides, automotive fluids, etc.)	17.9	30.6	33.6	35.8
Amount saved by re-use vs. disposal (average per year)	\$29,521	\$53,589	\$58,000	\$64,000
Number of participants bringing household hazardous waste	982	1,472	1,500	1,600
Number of participating governmental entities (in addition to the City)	0	0	0	2
Number of non-City participants	0	0	0	300

Trend: The City has conducted and managed HHW services since 1996. The current facility was designated as an official permanent HHW facility by the TCEQ in December 2004.

Trend: In FY 2007-08, improved advertising and program awareness resulted in increased participation. In FY 2009-10, we anticipate allowing areas such as Brushy Creek and Fern Bluff MUD into the program.

Departmental Goals: (cont.)

- Conduct pollution prevention activities. (City Goal 3.5)

Objective: Conduct the Industrial Waste Pretreatment program, surcharge and grease management program for commercial dischargers.	Actual 06-07	Actual 07-08	Forecast 08-09	Forecast 09-10
Number of industries on Industrial Waste Program	15	17	17	16
Number of violations issued	23	11	40	20
Number of commercial businesses on Surcharge Program	91	85	85	85
Number of field violations issued	13	2	8	8

Trend: The number of surcharge customers is expected to increase with the development of the Premium Outlets area and the Northeast Quadrant. Number of violations increased substantially in 2008-09 due to an Administrative Order issued to one industry.

Summary of Key Measurement Indicators

Measurement Indicators	Actual 2007-08	Estimated 2008-09	Projected 2009-10
Demand			
Industrial Waste			
Number of Businesses/Industries Monitored	122	127	127
Laboratory Services			
Number of Water Lab Systems and Contract Accounts Managed	187	190	195
Household Hazardous Waste Services			
Yearly HHW Customers	1,472	1,500	1,600
Input			
Number Authorized FTEs	5.00	6.00	6.00
Operating Expenditures	\$453,384	\$565,112	\$577,166
Output			
Industrial Waste			
Number of Inspections (Industrial)	286	300	325
Laboratory Services			
Bacteriological Samples (Lab)	9,970	11,000	12,000
Industrial/Commercial Samples (Lab)	308	340	350
Other Samples (Lab)	5,686	4,200	4,250
Household Hazardous Waste Services			
Total Tons of Material Received	42.9	47.0	50.0
Tons Recycled	10.6	33.6	35.8
Tons Disposed	12.2	13.4	14.3
Efficiency			
Industrial Waste			
Average Cost per Sampling Event	\$31.50	\$31.50	\$31.50
Laboratory Services			
Average Cost per Water Sample	\$4.38	\$4.82	\$5.30
Average Cost per Wastewater Sample	\$9.29	\$10.22	\$11.23
Household Hazardous Waste Services			
Average Disposal Cost per Participant	\$8.73	\$8.73	\$8.73
Effectiveness			
Expenditures as a % of Utility Fund	1.18%	1.58%	1.54%
Authorized Personnel as a % of Utility Fund FTEs	3.88%	4.55%	4.55%
% of Significant Users in Compliance	87.0%	87.0%	95.0%
Tons of HHW Material Processed	42.9	47.0	50.0
Revenue Generated	\$340,332	\$356,332	\$367,288

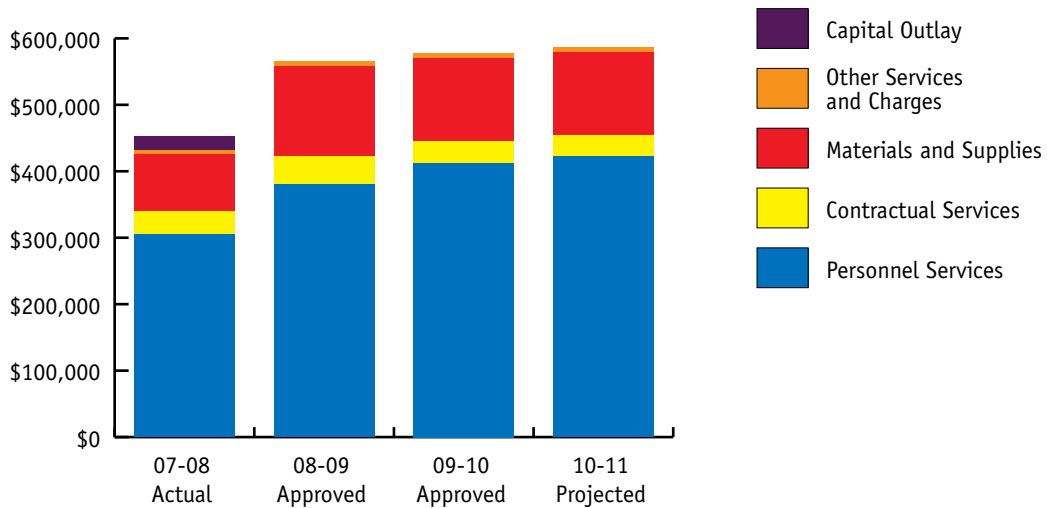
Water/Wastewater Utility Fund Expenditures

Environmental Services

Authorized Personnel	Positions			Full Time Equivalents		
	2007-08 Actual	2008-09 Revised	2009-10 Approved	2007-08 Actual	2008-09 Revised	2009-10 Approved
Environmental Lab Analyst	1	2	2	1.00	2.00	2.00
Pretreatment Compliance Specialist	1	1	1	1.00	1.00	1.00
Environmental Services Supervisor	1	1	1	1.00	1.00	1.00
Field Laboratory Technician	1	1	1	1.00	1.00	1.00
Administrative Technician II	1	1	1	1.00	1.00	1.00
Total	5	6	6	5.00	6.00	6.00

Environmental Services

Expenditures by Category



Summary of Expenditures:

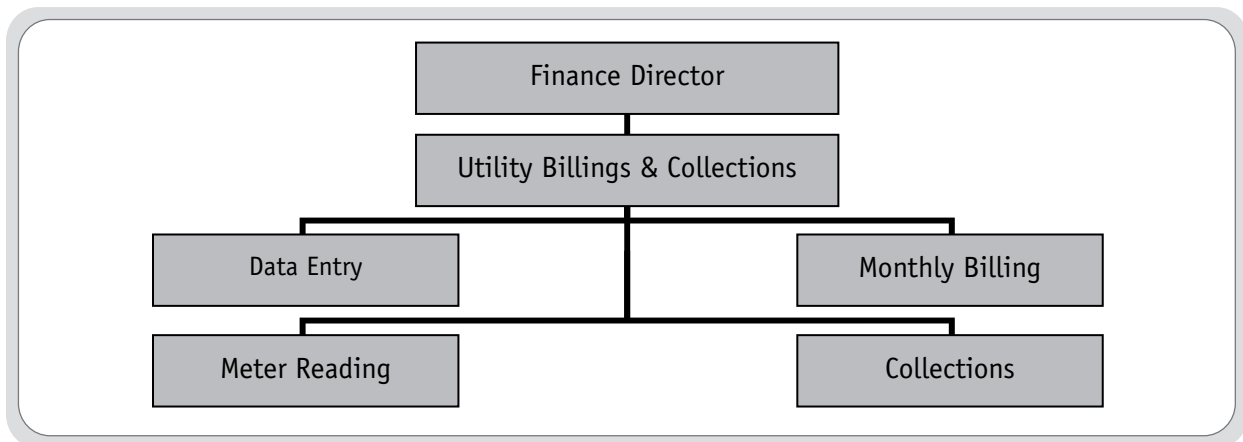
	2007-08 Actual	2008-09 Approved Budget	2009-10 Approved Budget	2010-11 Projected Budget
Personnel Services	\$304,762	\$380,602	\$412,563	\$422,132
Contractual Services	34,978	41,957	33,023	33,023
Materials and Supplies	86,690	135,253	124,280	124,280
Other Services and Charges	5,104	7,300	7,300	6,700
Capital Outlay	21,850	0	0	0
Total Expenditures:	\$453,384	\$565,112	\$577,166	\$586,135
Expenditures per Capita:	\$4.84	\$5.80	\$5.73	\$5.67



Utility Billings & Collections Department

The Utility Billing Office handles the accounting, billing, and collection of all customer water, sewer, and garbage billings; connects and disconnects service; and provides assistance to customers.

Mission: To account for the accurate and precise recording of information gathered from the reading, billing and collecting of money for every meter within the City of Round Rock, and provide professional, courteous and superior customer service for all citizens of Round Rock.



Departmental Program Summary:

The Round Rock Utility Billings and Collections Department consists of a single program divided into the following components:

Program:

Data Entry: The office staff tracks all new meters in order to provide water service to new connections. Utility Systems Support Department and Building Inspections Department provide the information used to create accounts in the City's main database. The office reviews existing accounts monthly for correct occupant billing information. We depend upon our customers to inform us of any changes of occupancy.

Meter Reading: Utility Systems Support staff read meters. The Utility Billing staff works closely with Utility Systems Support staff to maintain the reading schedule and meet deadlines.

Monthly Billing: The staff in this office calculates and invoices all monthly billings.

Collections: The office staff collect current and past due monies owed to the City of Round Rock. The collection process occurs throughout the month to ensure that accounts are collected in a timely manner.

FY 2008-09 Highlights:

- Our new drive-up drop box was installed this past year. It is located parallel to the existing drive-through which allows visibility and an alternative option to using the drive-through. It has been received very well by our customer base, with approximately 1,100 payments per month during the last five months.
- Our Friendly Rock program was changed last year as per the direction of the City Council. The amount of donations collected for Friendly Rock program since the change has proven to be considerable. These donations have assisted a large number of those in need in our community with the ability to pay for an essential service. The program is administered by Round Rock Serving Center in our local community and assists those in need with all essential services.
- We are now processing new service applications electronically through a service called 2TurnItOn. This service allows new customers to the Round Rock area to review all utility service providers online and choose their preferred company for each service. The City of Round Rock has processed over 300 requests for water service during the last nine months. This service allows for our new customers to set up service for all utility needs through one convenient application process.

FY 2009-10

Overview and Significant Changes:

- We are in the process of changing our current bill format. This change will coincide with the new conservation rates that went into effect in May 2009. The bill format will change from a single page to a two-page bill that will give our customers additional information about their consumption history each month and simplify the amount of consumption being billed and the dollar amounts.
- Conservation rates will be implemented for the first time in the billing history of the City of Round Rock. The conservation rates designed to encourage water conservation during the summer watering season. The "block rate" program begins in May and runs through the fall. The block rate program is designed to encourage conservation by charging a higher rate to higher usage customers. By watering wisely and installing drought-tolerant landscaping, higher rate users can reduce their consumption and pay the lower rate.
- We are planning to provide our customers with an electronic billing option later this year. The changes that have been made on our new bill format will enable us with a better opportunity to implement this option. Our software vendor is able to provide this technology along with the combined efforts of our current print vendor.
- We will continue to research the technology options that our customers ask for from time to time. The ability to view payment history and current billing is a feature that is important to our customers and the billing office as well. We also have a need to be able to transact all customer requests for miscellaneous service electronically. The meter reading division is pending approval for funding on a pilot electronic meter reading program in which they will read specific meters electronically in the next year or so.
- In the near future we would like to implement a paperless field work order process. This would allow our field technicians to operate in the field with a handheld computer that will give the office live information on the status of work order completion.

New Programs for FY 2009-10:

The Utility Billing Department is proposing no new programs in FY 2009-10.

FY 2010-11 Overview and Beyond:

- We would like to upgrade our phone system to a system with automated phone options. Our phone needs and volumes of calls have increased over the last several years since our current phone system was implemented. We have a need to provide our customers with a higher level of phone service and options to pay their bill by phone or to listen to their billing information; or, if they prefer, opt out and speak to a live person for assistance.

Departmental Goals:

- Continue to review and research payment options surveyed by customer response. (City Goal 5.5)
- Continue to maintain a priority for collection of delinquent accounts. (City Goal 5.5)
- Stay abreast of technology updates for department-related activities. (City Goal 5.5)
- Continue to pursue a cohesive working relationship with support staff and the utility office. (City Goal 6.5)
- Provide accurate, professional and courteous service to all our citizens. (City Goal 5.2)

Objective: Implement an annual survey to measure customer satisfaction and obtain an 85% or higher satisfaction rate.	Actual 06-07	Actual 07-08	Forecast 08-09	Forecast 09-10
Surveys mailed/returned	6,832/114	7,000/125	5,400/86	5,000/95
% of customers satisfied	90%	92%	93%	95%

Trend: Customer satisfaction continues to be difficult to measure since a considerable volume of survey cards are mailed but less than 1% are returned. We have implemented additional survey card access by making them accessible to our walk-in lobby traffic. We will continue to explore additional survey options in the future years.

Objective: To provide ongoing training to our customer service representatives in order to maintain satisfactory levels of customer interaction.	Actual 06-07	Actual 07-08	Forecast 08-09	Forecast 09-10
Number of CSR training hours	178	206	150	150

Trend: It is vital that our customer service representatives understand the level of customer service needed to interact with our customers in unique situations. This percentage of our customer base is the most demanding on our customer service skills. Training is the key to maintaining a satisfactory level of service.

- Streamline daily check processing collections through ACH bank method. (City Goal 5.5)

Objective: To automate the large volume of paper check processing through clearinghouse systems and other electronic means of processing.	Actual 06-07	Actual 07-08	Forecast 08-09	Forecast 09-10
Number of checks processed	13,916/mo	11,700/mo	11,000/mo	10,000/mo

Trend: Check collection volume is a large portion of daily collections that needs an efficient handling process. Since the implementation of online payments and electronic conversion of payments by some banks, the volume of checks handled by the Utility Billing office has decreased. Our total overall volume for paper checks decreased by 18% this past fiscal year.

- Streamline daily online recurring paper check collections through electronic bank method. (City Goal 5.5)

Objective: To decrease the volume of online paper checks by converting these checks into electronic transactions.	Actual 06-07	Actual 07-08	Forecast 08-09	Forecast 09-10
Number of online recurring checks processed	1,419/mo	463/mo	400/mo	350/mo

Trend: Our volume of online checks from customers who use their own banking relationships to pay their monthly utility bill on a recurring basis has dropped significantly. We believe this is mostly due to the fact that our online and pay by phone volumes have increased during the last fiscal year. This change has allowed our department to direct the time saved from the decrease to better serve our walk-in customers.

Water/Wastewater Utility Fund Expenditures

Utility Billings & Collections

Summary of Key Measurement Indicators

Measurement Indicators	Actual 2007-08	Estimated 2008-09	Projected 2009-10
Demand			
Customer Base	30,000	31,000	31,500
Input			
Number Authorized FTEs	15.00	15.00	15.00
Operating Expenditures	\$1,157,262	\$1,310,511	\$1,278,868
Output			
Number of Work Orders Processed	15,530	15,800	16,000
Number of Payments Collected	313,340	314,000	315,000
Total Dollars Collected	\$38,053,130	\$40,000,000	\$41,000,000
Efficiency			
Authorized Personnel as % of Utility Fund	11.63%	11.36%	11.36%
Expenditures as a % of Utility Fund	3.02%	3.67%	3.40%
Effectiveness			
Payment Processing Data Entry Error Rate	0.01%	0.01%	0.01%

Water/Wastewater Utility Fund Expenditures

Utility Billings & Collections

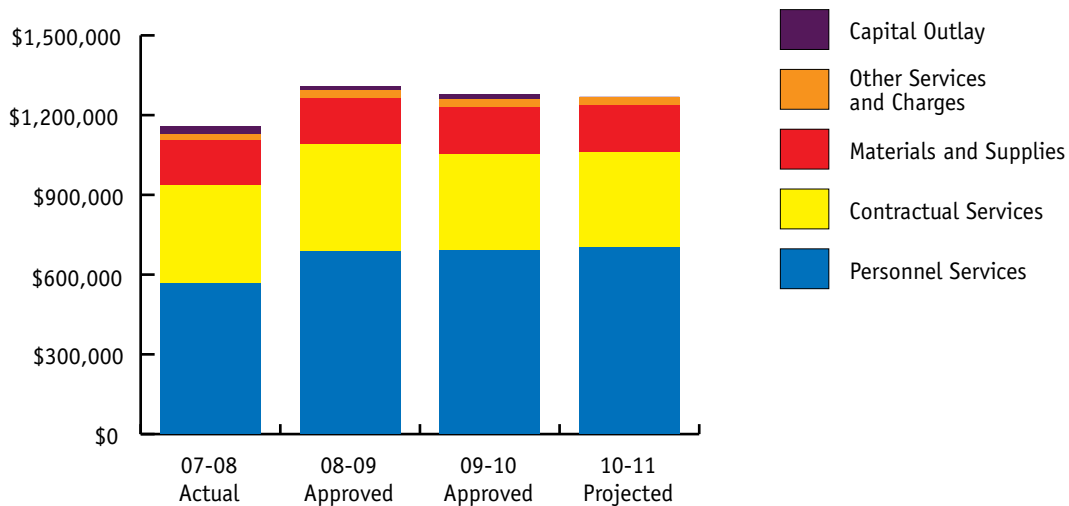
Authorized Personnel	Positions			Full Time Equivalents		
	2007-08 Actual	2008-09 Revised	2009-10 Approved	2007-08 Actual	2008-09 Revised	2009-10 Approved
Utility Office Manager	1	1	1	1.00	1.00	1.00
Customer Service Supervisor	1	1	1	1.00	1.00	1.00
Senior Customer Service Representative	1	1	1	1.00	1.00	1.00
Customer Service Representative	5	5	5	5.00	5.00	5.00
Receptionist	1	1	1	1.00	1.00	1.00
Customer Service Representative - P/T	2	2	2	1.00	1.00	1.00
Field Services Coordinator	1	1	1	1.00	1.00	1.00
Utility Accountant I	1	1	1	1.00	1.00	1.00
Water Service Representative	2	2	2	2.00	2.00	2.00
Senior Water Service Representative	1	1	1	1.00	1.00	1.00
Total	16	16	16	15.00	15.00	15.00

Water/Wastewater Utility Fund Expenditures

Utility Billings & Collections

Utility Billings & Collections

Expenditures by Category



Summary of Expenditures:

	2007-08 Actual	2008-09 Approved Budget	2009-10 Approved Budget	2010-11 Projected Budget
Personnel Services	\$566,793	\$685,734	\$690,587	\$701,383
Contractual Services	371,802	406,232	362,948	359,259
Materials and Supplies	166,856	170,600	176,113	176,113
Other Services and Charges	21,706	30,700	31,220	32,118
Capital Outlay	30,106	17,245	18,000	0
Total Expenditures:	\$1,157,263	\$1,310,511	\$1,278,868	\$1,268,873
Expenditures per Capita:	\$12.35	\$13.44	\$12.69	\$12.28



Utility Debt Service & Transfers - Program Description

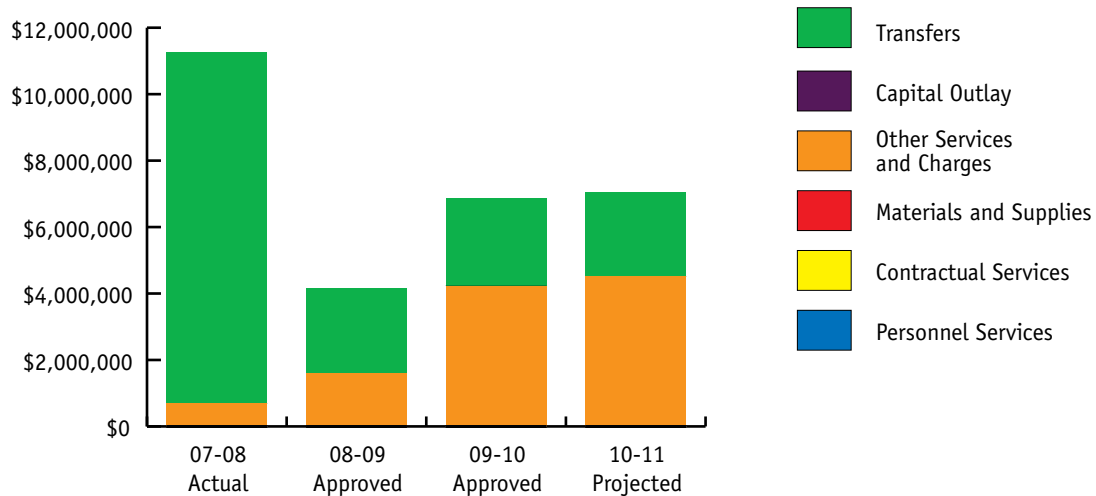
To provide for the scheduled retirement of the City's bonded and other long-term debt. See also the Debt Schedules Section of this budget.

Water/Wastewater Utility Fund Expenditures

Utility Debt Service & Transfers

Utility Debt Service & Transfers

Expenditures by Category



Summary of Expenditures:

	2007-08 Actual	2008-09 Approved Budget	2009-10 Approved Budget	2010-11 Projected Budget
Personnel Services	\$0	\$0	\$0	\$0
Contractual Services	0	0	0	0
Materials and Supplies	0	0	0	0
Other Services and Charges	692,054	1,593,100	4,236,404	4,510,000
Capital Outlay	0	0	0	0
Transfers	10,567,096	2,566,000	2,646,000	2,550,000
Total Expenditures:	\$11,259,150	\$4,159,100	\$6,882,404	\$7,060,000
Expenditures per Capita:	\$120.16	\$42.66	\$68.28	\$68.34